

SIGMA/DELTA : TRANSDUCER INTERFACE A/D CONVERTERS

SIGMA/DELTA Transducer Interface: Analog to Digital Converters																		
							GAIN=1		RESOLUTION IN BITS									
		Power Supply					Output	Output	Output	Output	Output	Output	Accuracy	Temp				
		Requirements				CLK	Rate	Rate	Rate	Rate	Rate	Rate	or Linearity	Range	#	Starting		
	#	+Icc	-Icc	-Iee	FREQ	Hz	Hz	Hz	Hz	Hz	Hz	Hz	Lsb's	-40	-55	of	Price	
MODEL	Bits	+Vcc	mA	-Vee	mA	MHz	10	25	60	140	500	1K	% FS	85	125	Pins	/100's	
AD280	15	5	3			12				15			1		A	17	\$13.00	
AD7701 &AD7703: BRICK WALL FILTER RESPONCE, CLOCK PROGRAMMABLE																		
AD7701	16	5	4.7	5	3.3		16	4	4	4	4	4	2	A	S	20	\$15.00	
AD7701													1	B	T		\$20.00	
AD7703	20	5	4.7	5	3.3		20						16	A		20	\$18.50	
AD7703													8	B			\$22.00	
AD7703													4	C				
AD7703															S	24		
AD77xx: SINx^3 FILTER RESPONSE, SOFTWARE PROGRAMMABLE																		
AD7730, 2 DIFF CH, TRANSDUCER ADC WITH 6 TARE BIT DAC FOR WEIGH SCALES & PRESSURE TRANSDUCERS																		
AD7730	24	5	10			4.91			18	17.5	15.5		0.0015	B		24	\$11.60	
AD7730L	24	3	3			4.91			18	17.5	15.5		0.0015	B		24	\$11.60	
AD7731	24	5	13.5			4.91				17	16	15.5	0.0015	B		24	\$11.60	
ALL SPECS AFTER CALIBRATION																		
AD7705	16	3	0.45			2.45	16	16	16	13	10	NA	0.0015	A		16		
AD7710	24	5	7	5	1.5		21.5	20	19		13	10.5	0.0045	A	S	24	\$17.00	
AD7711	24	5	7	5	1.5		21.5	20	19		13	10.5	0.0045	A	S	24	\$18.00	
AD7712	24	5	7	5	1.5		21.5	20	19		13	10.5	0.0045	A	S	24	\$15.50	
AD7713	24	5	1				21.5	20	19		13	10.5	0.0045	A	S	24	\$19.00	
AD7714-3	24	3/5V	0.5				22.5	21.5	20		13	11	0.0015	A	S	24	\$13.00	
AD7715	16	3/5V	2						16		10		0.0015				\$7.05	
AD7716 4 Channel: Programmable cutoff 18.75HZ to 300 HZ																		
AD7716	22	5	7.5	5	2.5				18	17			0.003	B		44	\$35.00	